UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/051,448	01/18/2002	Rodney W. Schmidt	2000.057300	1902

23720   7590   10/03/2003

WILLIAMS, MORGAN & AMERSON, P.C.
10333 RICHMOND, SUITE 1100
HOUSTON, TX 77042

EXAMINER
NAMAZI, MEHDI

ART UNIT	PAPER NUMBER
2188	3

DATE MAILED: 10/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)
	10/051,448	SCHMIDT ET AL.
	Examiner	Art Unit
	Mehdi Namazi	2188

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *18 January 2002* .

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-16* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-16* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *18 January 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

   If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All b)☐ Some * c)☐ None of:

   1. ☐ Certified copies of the priority documents have been received.

   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

   3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).
   * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

   a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

1.   Claims 1-16 are presented for examination.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis

for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999

(AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not

apply when the reference is a U.S. patent resulting directly or indirectly from an international

application filed before November 29, 2000. Therefore, the prior art date of the reference is

determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3.   Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Christenson et

al.(Christenson) (U.S. Patent No. 6,574,721).

As per claims 1, 11, and 12, Christenson teaches a method comprising: receiving a virtual

address; comparing at least a portion of the virtual address to a first preselected range (fig. 9, 920);

using a first mechanism to generate a first physical address from the virtual address in response to

the virtual address being outside the first preselected range (col. 10, lines 51-53); and using a second

mechanism to generate a second physical address from the virtual address in response to the virtual

address being within the first preselected range (col. 10, lines 53-55).

As per claims 2, and 13, Christenson teaches wherein using the first mechanism to generate

the first physical address from the virtual address in response to the virtual address being

outside the first preselected range further comprises using a paging mechanism to generate

the first physical address from the virtual address in response to the virtual address being

outside the first preselected range (col.10, lines 55-57).

As per claims 3, and 14, Christenson teaches wherein using the second mechanism to

generate the second physical address from the virtual address in response to the virtual address

being within the first preselected range further comprises using a hard mapped mechanism to

generate the second physical address from the virtual address in response to the virtual address

being within the first preselected range (col. 1, lines 49-59).

As per claim 4, Christenson teaches storing an entry for a page table in the second physical

address, wherein the page table entry may be used by the paging mechanism to generate the first

physical address from the virtual address (col. 10, lines 55-57).

As per claim 5, Christenson teaches storing at least one value representative of the second

physical address during an initialization period, wherein the second mechanism uses the at least one

value to generate the second physical address (cols. 7-8, lines 61-5).

As per claim 6, Christenson teaches storing the at least one value representative of the

second physical address during the initialization period further comprises storing the at least one

value representative of the second physical address during only the initialization period (cols. 7-8,

lines 61-5).

As per claim 7, Christenson teaches storing the at least one value representative of the

second physical address during the initialization period further comprises using secure kernel

software to store the at least one value representative of the second physical address during the

initialization period (cols. 7-8, lines 61-5).

As per claim 8, Christenson teaches storing at least one value representative of the first

preselected range during an initialization period (cols. 7-8, lines 61-5).

As per claim 9, Christenson wherein storing the at least one value representative of the first preselected range during the initialization period further comprises storing the at least one value representative of the first preselected range during only the initialization period (cols. 7-8, lines 61-5).

As per claims 10, 15, and 16, Christenson teaches wherein storing the at least one value representative of the first preselected range during the initialization period further comprises using secure kernel software to store the at least one value representative of the first preselected range during the initialization period (col. 1, lines 16-26).

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mehdi Namazi whose telephone number is 703-306-2758. The examiner can normally be reached on Monday-Friday 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mano Padmanabhan can be reached on 703-306-2903. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9600.

Mehdi Namazi .
Examiner
Art Unit 2188

September 29, 2003

Mano Padmanabhan
9/30/03

MANO PADMANABHAN
SUPERVISORY PATENT EXAMINER
TC 2100